

Claims

- 1 1. A combination, comprising:
- 2 a spindle adapted to be rotated about an axis of rotation;
- 3 an inner washer member having a central opening mounted
- 4 on the spindle so as to be rotatable therewith, the inner washer member having
- 5 an annular saw blade clamping surface about said central opening, and a
- 6 nonsymmetrical annular flange formed about said central opening;
- 7 structure rigidly connecting the clamping surface on the inner
- 8 washer member to said flange in an axially spaced position, said connecting
- 9 structure having a lesser diameter than the diameter of the saw blade member
- 10 central opening whereby the saw blade member may be rotated about said
- 11 connecting structure;
- 12 a saw blade member having a nonsymmetrical central
- 13 opening formed with a contour complementary to the flange the inner washer so
- 14 the saw blade member may be axially passed over the flange of the inner washer
- 15 to a position freely rotatable about the connecting structure, the saw blade having
- 16 a blade structure mounted for rotation on the spindle in a selected direction;
- 17 an outer washer having a central opening keyed to the
- 18 spindle so as to be rotatable therewith, the outer washer having an annular saw
- 19 blade clamping surface opposed to the saw blade clamping surface of the inner
- 20 washer; and
- 21 a nut threadably mounted on the spindle for urging the outer
- 22 washer toward the inner washer to clamp the saw blade therebetween whereby

23 the saw blade is then rotatable with the spindle in a direction depending upon the
24 cutting edge of the saw blade teeth.

1 2. A combination as defined in claim 1, in which the flange on the
2 inner washer has a plurality of radially extending teeth.

1 3. A combination as defined in claim 2, in which said radially
2 extending teeth overlap portions of the central opening of the saw blade member.

1 4, A combination as defined in claim 1, in which the outer washer has
2 an annular clamping portion surrounding the flange of the inner washer when the
3 saw blade is in a clamped position.